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H2755-SUNREMARKS

Applicant has cancelled claims 18 and 20. New claims 21-26 are presented. Applicant respectfully requests reconsideration of this application.

Applicant respectfully traverses the rejection of claims 1-20 based upon the *Younger, et al.* reference. There is no *prima facie* case of anticipation against any of Applicant's claims. Claim 1, for example, includes "a display portion that provides a visual display of the determined motor input power setting." There is no such display portion in the *Younger, et al.* reference. There is no discussion in that reference regarding displaying any motor input power setting values.

The only motor output entered by a user in the *Younger, et al.* reference is a torque T1 or T2 (see, e.g., column 11, line 4 and line 14). The microprocessor 48 in the *Younger, et al.* reference calculates "initial line currents  $I_A$ ,  $I_b$  and  $I_C$  necessary for AC induction motor 16 to generate such a torque." Those line currents are never displayed in any manner within the *Younger, et al.* reference. The other parameters relating to those line currents that are presumably used by the microprocessor 48 include the notch  $\gamma$  and a delay used in an alpha control (see, e.g., column 7, lines 16-45). There is no discussion or suggestion anywhere within the *Younger, et al.* reference for displaying those values at all.

It is no surprise that these values are not displayed because there would not be any benefit to doing that. The values that are determined responsive to a user set torque value T1 or T2 are not values that a user would have any need to see for purposes of the *Younger, et al.* arrangement working as it is intended to work. Without a display of

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determined motor input power settings that are based upon manually entered motor output values, there is no *prima facie* case of anticipation against claim 1 or claim 8.

Claim 16 recites motor output values that are received that include at least one of a motor rating value or a motor efficiency value. There is no discussion anywhere within the *Younger, et al.* reference of a motor rating value or a motor efficiency value that are input by a user such that they would be received by the microcontroller 48 of that reference. Instead, as noted above, the only motor output value entered by a user in the *Younger, et al.* reference is a torque value T1 or T2. Even if the time values t1 or t2 entered by a user in the *Younger, et al.* reference could be strained to be interpreted as a motor output value, they do not constitute a motor rating or a motor efficiency. There is nothing within the *Younger, et al.* reference corresponding to that kind of motor output value entered by an individual and, therefore, there is no *prima facie* case of anticipation against claim 16.

There is no *prima facie* case of anticipation against new claim 25. There is nothing in the *Younger, et al.* reference that corresponds to an individual manually setting a motor input setting as recited in claim 25. The *Younger, et al.* reference as noted above, does not provide any indication of a determined motor input setting (i.e., the currents I) and, therefore, it is impossible to establish a *prima facie* case of obviousness against claim 25 based on the *Younger, et al.* reference.

None of Applicant's claims are anticipated. Additionally, none of them can be considered obvious in view of the *Younger, et al.* reference. There is no suggestion or reason for modifying the *Younger, et al.* reference to make it consistent with Applicant's claimed arrangement. All claims are allowable.

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Applicant believes that fees in the amount of \$410.00 are required for four claims in excess of twenty and one additional independent claim. The Commissioner is authorized to charge Deposit Account No. 08-0385 in the name of Hamilton Sundstrand Corporation in the amount of \$410.00, as well as for any additional fees or credit the account for any overpayment.

Respectfully submitted,

CARLSON, GASKEY, &amp; OLDS



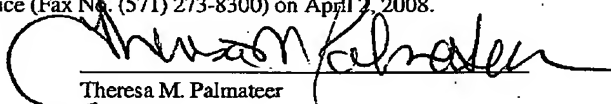
By: \_\_\_\_\_

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Dated: April 2, 2008

**CERTIFICATE OF FACSIMILE**

I hereby certify that this Response, relative to Application Serial No. 10/825,059 is being facsimile transmitted to the Patent and Trademark Office (Fax No. (571) 273-8300) on April 2, 2008.

  
Theresa M. Palmateer

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